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Infantile mortality (0-1 year) for the same five-year period was 188 per 1,000 births. In 1913 it was 153 per 1,000 births, the causes of this mortality being similar to those elsewhere.

Tuberculosis, particularly pulmonary tuberculosis, was present, but to what extent it was difficult to ascertain.

There were from 12 to 15 known lepers at large in the town; efforts made to properly isolate them failed because of lack of funds. Measles and whooping cough were present in epidemic form from time to time. In August, 1913, there were about 700 cases of measles, which, although of mild character, caused a distinct rise of the mortality rate in September.

According to the local physicians and my own observations during the time of my residence in Iquitos, the following infections have never been known to occur in the town: Typhoid, scarlatina, diphtheria, acute lobar pneumonia, rabies, plague, and cholera.

PLAQUE-ERADICATIVE WORK.

CALIFORNIA.

The following report of plague-eradicative work in California for the week ended October 24, 1914, has been received from Surg. Long, of the United States Public Health Service, in charge of the work.

SAN FRANCISCO, CAL.		SAN FRANCISCO, CAL.—Continued.	
Premises inspected.....	1,860	RATS TAKEN FROM STEAMERS—continued	
Premises destroyed.....	4	Steamer <i>Rainier</i> :	
Nuisances abated.....	293	<i>Mus alexandrinus</i>	8
Poisons placed.....	20,400	<i>Mus rattus</i>	1
Average number of traps set daily.....	1,317	Bark <i>Brizeux</i> :	
		<i>Mus alexandrinus</i>	15
		<i>Mus rattus</i>	5
RATS COLLECTED AND EXAMINED FOR PLAGUE.		PORT COSTA, CAL.	
Collected.....	655	Rats trapped in sugar refinery.....	23
Found dead.....	2	Rats trapped in warehouses.....	21
Examined.....	575	Rats trapped on water front.....	8
Found infected.....	None	Rats examined.....	47
RATS IDENTIFIED.		Pounds of poison placed (bread).....	3
<i>Mus norvegicus</i>	378		
<i>Mus rattus</i>	99	RATS IDENTIFIED.	
<i>Mus alexandrinus</i>	102	<i>Mus norvègicus</i>	15
<i>Mus musculus</i>	76	<i>Mus musculus</i>	10
RATS TAKEN FROM STEAMERS.		<i>Mus alexandrinus</i>	20
(Not included above.)		<i>Mus rattus</i>	17
Steamer <i>Bee</i> :			
<i>Mus alexandrinus</i>	2		
<i>Mus rattus</i>	1		

November 13, 1914

Record of plague infection.

Places in California.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number rodents found infected since May, 1907.
Cities:				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Aug. 9, 1911.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 28, 1907.....	None.....	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	do.....	Aug. 21, 1908.....	1 squirrel.
Counties:				
Alameda (exclusive of Oakland and Berkeley).	Sept. 24, 1909.....	Oct. 17, 1909..... (Wood rat.)	Aug. 7, 1914.....	286 squirrels; 1 wood rat.
Contra Costa.....	May 17, 1914.....	None.....	Aug. 25, 1914.....	1,563 squirrels.
Fresno.....	None.....	do.....	Oct. 27, 1911.....	1 squirrel.
Merced.....	do.....	do.....	July 12, 1911.....	5 squirrels.
Monterey.....	do.....	do.....	Apr. 10, 1914.....	6 squirrels.
San Benito.....	June 4, 1913.....	do.....	Sept. 26, 1914.....	36 squirrels.
San Joaquin.....	Sept. 18, 1911.....	do.....	Aug. 26, 1911.....	18 squirrels.
San Luis Obispo.....	None.....	do.....	Jan. 29, 1910.....	1 squirrel.
Santa Clara.....	Aug. 31, 1910.....	do.....	July 23, 1913.....	25 squirrels.
Santa Cruz.....	None.....	do.....	May 17, 1910.....	3 squirrels.
Stanislaus.....	do.....	do.....	June 2, 1911.....	13 squirrels.

Squirrels collected and examined for plague.

Contra Costa County.....	221
San Benito County.....	83
Alameda County.....	31
Total.....	335
Found infected.....	None

Ranches inspected and hunted over.

Contra Costa County.....	45
Alameda County.....	6
San Benito County.....	18
Total.....	69

Operations on water front.

Vessels inspected for rat guards.....	35
Reinspections made on vessels.....	18
New rat guards procured.....	19
Defective rat guards repaired.....	8
Vessels on which cargo was inspected.....	4

Condition.	Rat evidence.
Steamers Admiral Farragut, Admiral Dewey, Admiral Schley, and President, from Seattle:	
310 cases, large empty, canned goods, fruit, milk, and coffee, O. K.....	None.
53 crates furniture and household goods, O. K.....	Do.
25 rolls, large, paper, O. K.....	Do.
1,400 sacks flour, wheat, sawdust, bran, and onions, O. K.....	Do.

Rats trapped on wharves and water front.....	17	Poisons placed on vessels (pieces).....	0
Rats trapped on vessels.....	37	Poisons placed within P. P. I. E. grounds (pieces).....	10,800
Traps set on wharves and water front.....	158	Bait used on water front and vessels, bacon (pounds).....	6
Traps set on vessels.....	163	Amount of bread used in poisoning, water front (loaves).....	18
Vessels trapped on.....	17	Pounds of poison used on water front.....	9
Vessels searched for dead rats after fumigation	5		
Dead rats taken from vessels after fumigation	32		
Poisons placed on water front (pieces).....	5,400		

Operations are being carried on under Federal supervision on the following-named properties, labor and material being furnished:

Names.	Location.	Acres treated.
Poisoned grain:		
Moraga grant—		
Devlin ranch.....	Contra Costa County.....	1,200
Mulholland ranch.....	do.....	450
J. Nunez ranch.....	do.....	800
M. J. Azaveda ranch.....	do.....	450
F. Costa ranch.....	do.....	200
J. Rodriguez ranch.....	do.....	200
F. C. Serpa ranch.....	do.....	176
L. Silva ranch.....	do.....	140
J. F. Sousa.....	do.....	100
Peoples Water Co.....	do.....	2,325
L. Wright ranch.....	do.....	100
J. Boas tract.....	do.....	168
J. M. Holloway ranch.....	Merced County.....	1,200
R. L. Peeler ranch.....	do.....	260
Destructors:		
Southern Pacific Co.....	do.....	(1)

¹ 12½ miles treated.

Miles of railroad right of way inspected.....	12½
Holes treated.....	2,303

The work is being carried on in the following-named counties: Alameda, Contra Costa, San Francisco, San Joaquin, Monterey, Merced, Stanislaus, San Benito, Santa Cruz, and Santa Clara.

LOUISIANA—NEW ORLEANS.

The following report of plague-eradicative work at New Orleans for the week ended October 31, 1914, has been received from Asst. Surg. Gen. Rucker, of the United States Public Health Service, in charge of the work:

OUTGOING QUARANTINE.		DESTINATION AND NUMBER OF CARS INSPECTED WEEK ENDING OCT. 31—continued.
Vessels fumigated with sulphur.....	50	Florida..... 30
Vessels fumigated with carbon monoxide.....	18	Georgia..... 39
Vessels fumigated with hydrocyanic gas.....	2	Illinois..... 573
Pounds of sulphur used.....	7,858	Indiana..... 31
Coke consumed in carbon monoxide fumi- gation.....	32,900	Iowa..... 11
Clean bills of health issued.....	36	Kansas..... 7
Foul bills of health issued.....	6	Kentucky..... 185
OVERLAND FREIGHT INSPECTION.		Louisiana..... 1,238
Cars inspected and passed.....	1,044	Maryland..... 3
Cars rat proofed.....	2,109	Massachusetts..... 3
Cars condemned.....	15	Michigan..... 19
Total cars inspected.....	3,168	Minnesota..... 42
DESTINATION AND NUMBER OF CARS INSPECTED WEEK ENDING OCT. 31.		Mississippi..... 437
Alabama.....	96	Missouri..... 66
Arizona.....	3	Nebraska..... 2
Arkansas.....	28	New York..... 4
California.....	26	Ohio..... 66
North Carolina.....	11	Oklahoma..... 12
South Carolina.....	4	Pennsylvania..... 13
Colorado.....	2	Tennessee..... 77
Connecticut.....	2	Texas..... 216
North Dakota.....	2	Virginia..... 2
Delaware.....	3	Washington..... 3
		Wisconsin..... 16
		District of Columbia..... 1
		Canada..... 2

November 13, 1914

FIELD OPERATIONS.

Rats trapped.....	8,552
Premises fumigated.....	5
Premises disinfected.....	504
Premises inspected.....	9,695
Notices served.....	2,525

BUILDINGS RAT PROOFED.

By elevation.....	20
By marginal concrete wall.....	134
By concrete floor and walls.....	236
By minor repairs.....	21
Square yards of concrete laid.....	25,430
Total buildings rat proofed.....	411
Buildings rat proofed to date.....	2,557

BUILDINGS RAT PROOFED—continued.

Number of abatements.....	649
Number of abatements to date.....	12,204
Number of dead inspected.....	140

LABORATORY OPERATIONS.

Rats examined.....	8,213
Mus norvegicus.....	4,056
Mus alexandrinus.....	219
Mus rattus.....	78
Mus musculus.....	4,145
Unclassified putrid.....	300
Total rodents received at laboratory.....	8,508
Number of suspicious rats.....	24
Plague rats confirmed.....	2

Plague rats.

Case No.	Address.	Captured.	Diag-nosis con-firmed.	Treatment of premises.
190	Within car H-23892 on railroad siding alongside Stuyvesant docks; captured by inspector as a result of routine inspection of freight cars.	Oct. 22	Oct. 25	Fumigation of car. Rat proofing.
191	128 South Roman Street.....	Oct. 28	Oct. 28	Destruction of rat harbors; disinfection; rat proofing concluded; intensive trapping.

Total number of rodents captured to Oct. 31..... 136,352
 Total number of rodents examined to Oct. 31..... 114,734

Rodent cases to Oct. 31, by species:

Mus rattus.....	10
Mus alexandrinus.....	3
Mus musculus.....	1
Mus norvegicus.....	177
Total rodent cases up to Oct. 31.....	191

WASHINGTON—SEATTLE.

The following report of plague-eradication work at Seattle for the week ended October 17, 1914, has been received from Surg. Lloyd, of the United States Public Health Service, in charge of the work:

RAT PROOFING.

New buildings inspected.....	
Basements concreted, new buildings (18,988 square feet).....	
Floors concreted, new buildings (22,551 square feet).....	
Yards, etc., concreted, new buildings (4,181 square feet).....	
Sidewalks concreted, 46,508 square feet.	
Total concrete laid, new structures, 92,228 square feet.	
New buildings elevated.....	
Old buildings inspected.....	
Premises rat proofed, concrete.....	
Buildings razed.....	

WATER FRONT.

Vessels inspected and histories recorded.....	5
Vessels fumigated.....	6
Sulphur used, pounds.....	4,100
Vessels searched for dead rats.....	4
New rat guards installed.....	12

WATER FRONT—continued.

67	Defective rat guards repaired.....	26
14	Fumigation certificates issued.....	6
5	Canal Zone certificates issued.....	2
12	Port sanitary statements issued.....	43
5	Dead rodents received.....	10
2	Rodents trapped and killed.....	342
26	Rodents recovered after fumigation.....	32

LABORATORY AND RODENT OPERATIONS.

5	Total.....	384
2	Rodents examined for plague infection.....	359
2	Rodents proven plague infected.....	None.
26	Blocks poisoned.....	9
2	Poison distributed, pounds.....	44

CLASSIFICATION OF RODENTS.

Mus rattus.....	17
Mus alexandrinus.....	62
Mus norvegicus.....	214
Mus musculus.....	65
Not classified.....	33

The usual day and night patrol was maintained to enforce rat guarding.

Rodents examined in Tacoma.

Mus norvegicus.....	21
Rodents found infected.....	None.

HAWAII.

The following reports of plague-eradictive work in Hawaii have been received from Surg. Trotter, of the United States Public Health Service:

Honolulu.

WEEK ENDED OCT. 17, 1914.

Total rats and mongoose taken.....	478	Classification of rats killed by sulphur dioxide:
Rats trapped.....	467	Mus alexandrinus..... 1
Mongoose trapped.....	10	Last case rat plague Aiea 9 miles from Honolulu, Apr. 12, 1910.
Rats found dead.....	0	Last case human plague, Honolulu, July 12, 1910.
Rats killed by sulphur dioxide.....	1	Last case rat plague, Kalopa stable, Paauhau, Hawaii, Aug. 29, 1914.
Examined microscopically.....	414	Last case human plague, Paauhau Landing, Hawaii, Aug. 17, 1914.
Showing plague infection.....	0	
Classification of rats trapped:		
Mus alexandrinus.....	264	
Mus musculus.....	141	
Mus norvegicus.....	55	
Mus rattus.....	7	

Hilo.

WEEK ENDED OCT. 3, 1914.

Rats and mongoose taken.....	2,189	Rats and mongoose plague infected.....	0
Rats trapped.....	2,114	Classification of rats trapped and found dead:	
Rats found dead.....	7	Mus norvegicus.....	543
Mongoose taken.....	68	Mus alexandrinus.....	283
Rats and mongoose examined macroscopically.....	2,189	Mus rattus.....	559
	0	Mus musculus.....	736

WEEK ENDED OCTOBER 10, 1914.

Rats and mongoose taken.....	2,188	Classification of rats trapped and found dead:	
Rats trapped.....	2,122	Mus norvegicus.....	503
Rats found dead.....	3	Mus alexandrinus.....	293
Mongoose taken.....	63	Mus rattus.....	550
Rats and mongoose examined macroscopically	2,188	Mus musculus.....	779
Rats and mongoose plague infected.....	0		

PORTO RICO.

The following is a summary of plague-eradicative work in Porto Rico for the two weeks ended October 23, 1914:

	Rats.	Mice.
San Juan.....	162	76
Puerta de Tierra.....	58	18
Santurce.....	404	35
Total.....	624	129